DOOR ASSEMBLY

ABSTRACT

A door assembly (10) is provided. The door assembly (10) includes a rail assembly (12), a first panel (14), a first arm (16), a second panel (18), a second arm (20) and a connector mechanism (22). The rail assembly (12) includes a first rail (24) and a second rail (26) coupled to the first rail (24). A first end (16a) of the first arm (16) is rotatably attached to the first panel (14) and a second end (16b) of the first arm (16) is in slidable engagement with the first rail (24); a first end (20a) of the second arm (20) is rotatably attached to the second panel (18) and a second end (20b) of the second arm (20) is in slidable engagement with the second rail (26). The connector mechanism (22) connects the second end (16b) of the first arm (16) to the second end (20b) of the second arm (20) and is configured to move the second end (16b) of the first arm (16) and the second end (20b) of the second arm (20) in opposite directions.

[FIG. 1B]